

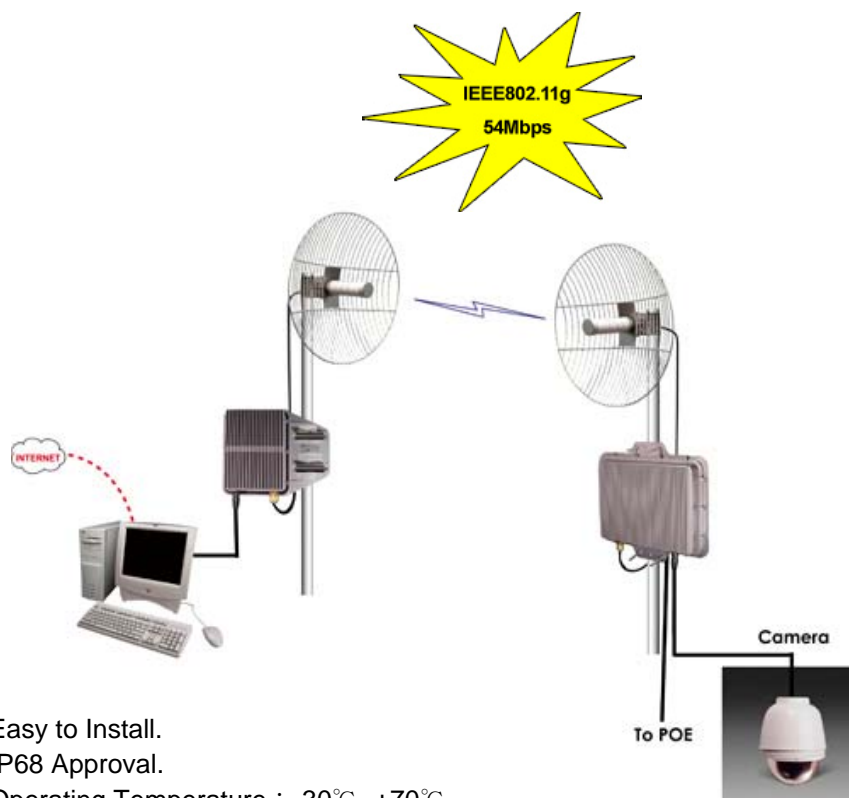


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## Aline-24005g V

### 2.4GHz Outdoor Wireless Radio Bridge Solution (Video Server Included)

The Brand-new Wireless Solution for Surveillance



- Easy to Install.
- IP68 Approval.
- Operating Temperature : -30°C~+70°C
- Range: 1~3Km

#### Wireless Radio Bridge Specification

<b>Standards Compliance</b>	IEEE 802.11b IEEE 802.11g IEEE802.3 IEEE802.3u
<b>SDRAM</b>	8 M Byte
<b>Flash</b>	2 M Byte
<b>Radio Frequency Type</b>	Direct Sequence Spread Spectrum (DSSS)
<b>Frequency Band</b>	America/FCC : 2.412~2.462 GHz (11 channels) Europe CE/ETSI : 2.412~2.472 GHz (13 channels) Japan : 2.412~2.484 GHz (14 channels) France : 2.457~2.472 GHz(4 channels) Spain: 2.457~2.462 GHz (2 channels)
<b>Transmission Power</b>	802.11b:20 dBm 802.11g:17 dBm
<b>Transmission Rate</b>	108/54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback
<b>Access Point Interfaces</b>	Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45 Radio Wave: Antenna N-Male



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<b>Sensitivity</b>	-88dBm @ 11Mbps, PER < 8%; -74dBm @ 54Mbps, PER < 10%
<b>Antenna Type</b>	External high gain antenna
<b>Security Systems</b>	64-bit/128-bit/152-bit WEP encryption; Wi-Fi Protected Access (WPA)
<b>Wireless Setting</b>	Operation Mode – AP / Wireless Client (Infrastructure and Ad Hoc) / Repeater / WDS PtP and PtMP Mode
<b>Software/Firmware</b>	Site Survey DHCP Client WPA Support (WPA personal and enterprise) Web-based configuration via popular browser (MS IE, Netscape...) Windows “Locator” program to help find IP in DHCP client mode Firmware upgrade and configuration backup via Web Reset to default by WebUI
<b>Operating Environment</b>	Operating Temperature:-30 ~ +70°C
<b>Power</b>	DC 12 Volt $\pm$ 5%; 2A (Max.); AC adapter AC 100V ~ 240V; DC 15 Volt $\pm$ 5%(optional)
<b>Regulatory Approval</b>	FCC Part 15 B (US); CE
<b>Network Management</b>	Windows 95/98/Me/NT4.0/2000/XP
<b>System OS Support</b>	
<b>Warranty</b>	One year limited

## Standard Accessories

DC Injector / RJ45 (RJ45DI)15V	CAT5/25M-RJ45 LTWD-8BFFM-L180	RJ45 LINE-2M
		
Switch Adaptor 15V/2.8A	CFD200 L=1.5M	Accessories
		

## Video server

### Functional Description

#### Features

- MPEG-4 Advanced Simple Profile is able to deliver DVD resolution video at lower data rates and smaller file sizes.
- The intelligent network System on a Chip (SoC) solution delivering high performance and QoS (802.1pQ) for ensuring a stable and high quality video streaming (IP multicast, IGMP supported).
- Digital TimeCode Embedded
- Built-in LAN and WAN (PPPoE supported) Ports
- DDNS supported
- Simultaneously Analog and Digital outputs
- Live Video Variation Setting – Brightness, Contrast, Hue and Saturation
- MPEG-4 Living Streaming – Protocols supported by TCP, UDP, HTTP, BOOTP, DHCP, PPPoE
- QoS Function Setting – Priority Service Scheduling
- Authorization Setting – The system supervisor can set authorization to prevent unauthorized user.



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- Motion Detection – Customization motion detection windows. The maximum is up to 3 windows.
- External Device Controller – Control through RS232, and RS-485
- Hardware and Software Watch Dog.
- System Configuration Setting – Configure through LAN

## Specification

<b>Image System</b>	
Compression	MPEG-4 ASP compliant hardware compression
Resolution	QCIF (160 x 112 in NTSC, 176 x 144 in PAL) CIF (352 x 240 in NTSC, 352 x 288 in PAL) Full D1 (720 x 480 in NTSC, 720 x 576 in PAL)
Image Frame Rate	30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL)
<b>Network</b>	
Protocol Supported	TCP, UDP, HTTP, PPPoE, DDNS, DHCP, IGMP
QoS	Layer 2, 3
<b>I/O Interface</b>	
WAN Port	RJ-45 x1 (10/100base-T)
LAN Port	RJ-45 x1 (10/100base-T)
Serial Port	RJ-45 x1 (RS-485)
Analog Video Input	Composite x1, BNC connector (NTSC/PAL)
Digital Input	Terminal blocks x2 <ul style="list-style-type: none"> <li>• Logic Level 0: 0 ~ 0.8 V</li> <li>• Logic Level 1: 2.31 ~ 5.3 V</li> </ul>
Digital Output	Terminal blocks x2 <ul style="list-style-type: none"> <li>• Logic Level 0: 0 ~ 0.5 V</li> <li>• Logic Level 1: 2.8 ~ 3.3 V</li> </ul>
<b>Mechanical &amp; Environment</b>	
Power Requirement	12 V / 0.625 A / 7.5 W
Operation Temp	5 °C ~ 50 °C (40 °F ~ 122 °F)
Humidity	RH10 % ~ 90 %
<b>Others</b>	
Watch Dog Timer	5 sec.
Security	Password/username protection for restricted camera access
General Functions	<ul style="list-style-type: none"> <li>• DI/O event triggered via Ethernet</li> <li>• Built-in Web Server and network interface</li> </ul>
Client Software OS Supported	Win 2000, Win XP, Win 2003
Certification	CE, FCC

## Power Consumption (Wireless Radio Bridge and Video Server Integrated)

Transmit	0.31A DC48V
Stand-by	0.26A DC48V
Receive	0.26A DC48V

